



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

ALBERT J. SHIH ET AL.

Group Art Unit: Unknown

Serial No.: 10/696,790

Examiner: Unknown

Filed: October 30, 2003

For: ACTIVE FILTRATION OF AIRBORNE CONTAMINANTS
EMPLOYING HEATED POROUS/RESISTANCE HEATED
FILTERS

Attorney Docket No.: UOM 0305 PUS

INFORMATION DISCLOSURE STATEMENT

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U.S. Patent & Trademark Office
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Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and § 1.97-1.98, the references listed and identified on the attached Forms PTO/SB08A and/or SB08B are being submitted herewith for consideration by the Examiner.

While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the reference(s) are "material" as defined under 37 C.F.R. § 1.56(b).

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this paper, including all enclosures referred to herein, is being deposited with the United States Postal Service as first-class mail, postage pre-paid, in an envelope addressed to: Commissioner for Patents, U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on:

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If the filing date of this application is on or before June 30, 2003, a copy of each reference listed on the attached Forms PTO/SB08A and/or SB08B is included herewith. If this application was filed after June 30, 2003, copies of any cited U.S. patent/application references have not been included. Consideration and entry into the record of these references is respectfully requested.

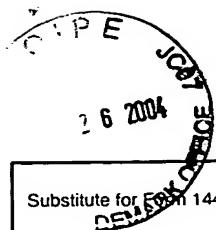
Respectfully submitted,

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Substitute for Form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

1

Complete if Known

Application Number	10/696,790 (informal)
Filing Date	October 30, 2003
First Named Inventor	ALBERT J. SHIH ET AL.
Group Art Unit	Unknown
Examiner Name	Unknown

Attorney Docket Number UOM 0305 PUS

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Barnhart, J., "Manufacture, Characterization and Application of Cellular Metals and Metal Foams," PROGRESS IN MATERIAL SCIENCE, v. 46, pp. 559-632 (2001)	
	2	Lu, T.J. et al., "Heat Transfer in Open-Cell Metal Foams," ACTA MATERIALIA, v. 36, pp. 3619-3635 (1998)	
	3	KANTHAL HANDBOOK - HEATING ALLOYS FOR ELECTRICAL HOUSEHOLD APPLIANCES, Kanthal AB, Sweden, 2001	
	4	Blacker, T., "The Cooper tool," 5TH INTERNATIONAL MESHING ROUNDTABLE, Sandia National Laboratories, pp. 13-30 (1996)	
	5	Floyd, D., "Fluid Properties of Open Cell Sintered Iron Based Porous Metal Structures, Experimental Results and Discussion," Porvair Fuel Cell Technical Report (2001)	
	6	Calmidi, V.V. et al., "Forced Convection in High Porosity Metal Foams," JOURNAL OF HEAT TRANSFER, Vol. 122, pp. 557-565 (2000)	
	7	Hwang, J.J. et al., "Measurement of Intersititial Convective Heat Transfer and Frictional Drag for Flow Across Metal Foams," JOURNAL OF HEAT TRANSFER, Vol. 124, pp. 120-129 (2002)	
	8	Qu, J. et al., "Development of the Cylindrical Wire Electrical Discharge Machining Process: Part I: Concept, Design, and Material Removal Rate," ASME JOURNAL OF MANUFACTURING SCIENCE AND ENGINEERING, Vol. 124, No. 3, pp. 702-707 (2002)	

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.